

1 // THIS PROGRAM SOURCE FILE IS SUPPLIED IN CONFIDENCE
2 // TO THE CUSTOMER; THE CONTENTS OR DETAILS OF ITS
3 // OPERATION MAY ONLY BE DISCLOSED TO PERSONS EMPLOYED
4 // BY THE CUSTOMER WHO REQUIRE A KNOWLEDGE OF THE
5 // SOFTWARE CODING TO CARRY OUT THEIR JOB. DISCLOSURE TO
6 // ANY OTHER PERSON MUST HAVE PRIOR AUTHORISATION FROM THE
7 // DIRECTORS OF REDAC SOFTWARE LIMITED
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10          .TITLE MESS1
11          .GLOBL MESS1,MESS2
12 00000 R 000000 A    PUSBUT .CBD PUSBUT 1
13 00001 R 740040 A    MESS1 XX
14 00002 R 723777 A    AAC -1
15 00003 R 060156 R    DAC* (11 /ADDR OF Y, NAME AND SRG.
16 00004 R 220011 A    LAC* 11
17 00005 R 040155 R    DAC Y#
18 00006 R 220011 A    LAC* 11
19 00007 R 040153 R    DAC NAME
20 00010 R 641002 A    LACQ
21 00011 R 040150 R    TAG1 DAC BUFFAD# /OUTPUT BUFFER
22 00012 R 360150 R    TAD* BUFFAD
23 00013 R 540150 R    SAD BUFFAD /CHECK FOR NEW BUFFER
24 00014 R 723004 A    AAC 4
25 00015 R 723776 A    AAC -2
26 00016 R 060157 R    DAC* (12 /SET UP FOR FILLING
27 00017 R 200150 R    LAC BUFFAD
28 00020 R 723002 A    AAC 2
29 00021 R 040152 R    DAC D.2# /FULL ADDRESS OF BUFF+2
30 00022 R 723777 A    AAC -1
31 00023 R 500160 R    AND (17777 /13 BIT ADDRESS OF BUFF+1
32 00024 R 040151 R    DAC D.1#
33 00025 R 340161 R    TAD (620000
34 00026 R 060152 R    DAC* D.2 /SET UP RETURN JMP
35 00027 R 200155 R    LAC Y
36 00030 R 340162 R    TAD (140000
37 00031 R 060012 A    DAC* 12 /YPOS.
38 00032 R 200163 R    LAC (144000
39 00033 R 060012 A    DAC* 12 /XPOSITION
40 00034 R 140154 R    DZM NFALG# /INDICATOR FOR NAME
41 00035 R 200153 R    LAC NAME
42 00036 R 741200 A    SNA
43 00037 R 600050 R    JMP .+11
44 00040 R 340164 R    TAD (234400
45 00041 R 060012 A    DAC* 12 /NAME PARAMETER
46 00042 R 200165 R    LAC (10000
47 00043 R 040154 R    DAC NFALG
48 00044 R 200166 R    LAC (40
49 00045 R 060012 A    DAC* 12
50 00046 R 060012 A    DAC* 12
51 00047 R 060012 A    DAC* 12
52 00050 R 220011 A    LUP LAC* 11
53 00051 R 652000 A    LMQ
54 00052 R 640607 A    LLS 7
55 00053 R 100072 R    JMS PACK
56 00054 R 640607 A    LLS 7
57 00055 R 100072 R    JMS PACK
58 00056 R 640604 A    LLS 4
59 00057 R 040153 R    DAC NAME
60 00060 R 220011 A    LAC* 11
61 00061 R 652000 A    LMQ
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62 00062 R 200153 R LAC NAME
63 00063 R 640603 A LLS 3
64 00064 R 100072 R JMS PACK
65 00065 R 640607 A LLS 7
66 00066 R 100072 R JMS PACK
67 00067 R 640607 A LLS ?
68 00070 R 100072 R JMS PACK
69 00071 R 600050 R JMP LUP
70 /
71 /
72 /
73 00072 R 740040 A PACK XX
74 00073 R 500167 R AND (177
75 00074 R 741200 A SNA
76 00075 R 620072 R JMP* PACK /NULL
77 00076 R 540170 R SAD (54 /,
78 00077 R 600107 R JMP CR
79 00100 R 540171 R SAD (137
80 00101 R 600116 R JMP END /
81 00102 R 540172 R SAD (175
82 00103 R 600116 R JMP END /ALT MODE
83 00104 R 340154 R TAD NFALG /SET VISIBLE IF NAMED
84 00105 R 060012 A DAC* 12
85 00106 R 620072 R JMP* PACK
86 00107 R 200157 R CR LAC (12
87 00110 R 060012 A DAC* 12
88 00111 R 200173 R LAC (15
89 00112 R 060012 A DAC* 12
90 00113 R 200166 R LAC (40
91 00114 R 060012 A DAC* 12
92 00115 R 620072 R JMP* PACK
93 00116 R 200174 R END LAC (210016
94 00117 R 060012 A DAC* 12 /OFFSET OFF LITEPEN ON
95 00120 R 200151 R LAC D.1
96 00121 R 340161 R TAD (620000
97 00122 R 060012 A DAC* 12
98 00123 R 200150 R LAC BUFFAD
99 00124 R 740031 A TCA
100 00125 R 360157 R TAD* (12
101 00126 R 060150 R DAC* BUFFAD /NUMBER OF WORDS
102 00127 R 200175 R LAC (210017 /LP ON OFFSET IN
103 00130 R 060152 R DAC* D.2
104 00131 R 620001 R JMP* MESS1
105 /
106 /
107 /
108 00132 R 740040 A MESS2 XX /FORTRAN CALLABLE
109 00133 R 220000 R LAC* PUSBUT
110 00134 R 040150 R DAC BUFFAD
111 00135 R 160150 R DZM* BUFFAD /SET BUFFER TO ZERO
112 00136 R 200176 R LAC (1750 /MESSAGE POS=1000
113 00137 R 040155 R DAC Y

PAGE 4 MESS1 SRC MESS1

114 00140 R 140153 R DZM NAME#
115 00141 R 200132 R LAC MESS2
116 00142 R 040001 R DAC MESS1
117 00143 R 723004 A AAC 4
118 00144 R 500177 R AND (77777
119 00145 R 060156 R DAC* (11
120 00146 R 200150 R LAC BUFFAD
121 00147 R 600011 R JMP TAG1
122 000000 A .END
00156 R 000011 A *L
00157 R 000012 A *L
00160 R 017777 A *L
00161 R 620000 A *L
00162 R 140000 A *L
00163 R 144000 A *L
00164 R 234400 A *L
00165 R 010000 A *L
00166 R 000040 A *L
00167 R 000177 A *L
00170 R 000054 A *L
00171 R 000137 A *L
00172 R 000175 A *L
00173 R 000015 A *L
00174 R 210016 A *L
00175 R 210017 A *L
00176 R 001750 A *L
00177 R 077777 A *L

SIZE=00200 NO ERROR LINES

PAGE 5 MESS1 CROSS REFERENCE

BUFFAD	00150	21	22	23	27	95	101	110	111
		120							
CR	00107	78	86*						
D.1	00151	32	95						
D.2	00152	29	34	103					
END	00116	80	82	93*					
LUP	00050	52*	69						
MESS1	00001	10	11	13*	104	116			
MESS2	00132	11	108*	115					
NAME	00153	19	41	59	62	114			
NFALG	00154	40	47	83					
PACK	00072	55	57	64	66	68	73*	76	85
		92							
PUSBUT	00000	12*	12	109					
TAG1	00011	21*	121						
Y	00155	17	35	113					